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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/663,402	09/16/2003	Warren M. Farnworth	2269-5595US (01-0088.00/U)	2929
24247	7590	06/04/2007	EXAMINER	
TRASK BRITT P.O. BOX 2550 SALT LAKE CITY, UT 84110			CHEN, VIVIAN	
			ART UNIT	PAPER NUMBER
			1773	
			MAIL DATE	DELIVERY MODE
			06/04/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/663,402	Applicant(s) FARNSWORTH ET AL	
	Examiner Vivian Chen	Art Unit 1773	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 06 March 2007.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 21-45, 69-82 and 92-111 is/are pending in the application.
- 4a) Of the above claim(s) 28, 38, 39, 75, 81 and 82 is/are withdrawn from consideration.
- 5) ☒ Claim(s) 21-27, 29-37, 40-45 and 92-108 is/are allowed.
- 6) ☒ Claim(s) 69-74 and 109-111 is/are rejected.
- 7) ☒ Claim(s) 76-80 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. Claims 1-20, 46-68, 83-91 have been cancelled by Applicant.

Specification

2. The objection to the amendments filed 9/15/2005 and 3/15/2006 and 10/30/2006 under 35 U.S.C. 132(a) has been withdrawn in view of Applicant's amendments filed 3/6/2007.

Claim Rejections - 35 USC § 112

3. The rejections under 35 U.S.C. 112, first paragraph have been withdrawn in view of Applicant's amendments filed 3/6/2007.
4. The rejections under 35 U.S.C. 112, second paragraph have been withdrawn in view of Applicant's arguments filed 3/6/2007.

Claim Rejections - 35 USC § 103

5. Claims 69-74, 109-111 are rejected under 35 U.S.C. 103(a) as being unpatentable over:
EGAN (4,544,590),
in view of ESHLEMAN (US 4,337,107).

EGAN discloses a planar support film structure comprising a carrier backing substrate (reference number 13) and a release layer, wherein the release layer (reference number 1) comprises a polyester (e.g., MYLAR), wherein a multilayer structure is applied (i.e., fabricated)

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on top of the support film structure, wherein the resulting multilayer structure is cleanly removable from the support structure. (Figures 4, 6, 13; line 60, col. 5 to line 20, col. 6; line 27-38, col. 6; line 60, col. 7 to line 20, col. 8)

ESHLEMAN discloses that it's well known in the art to use polyester (e.g., polyethylene terephthalate) as substrates for removable carrier films. (line 20-45, col. 3).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to use a removable support film with a releasing layer as the base for a multilayer structure, followed by clean removal of said support film from said multilayer structure. It is well known in the art that MYLAR films comprise polyethylene terephthalate.

Allowable Subject Matter

1. Claims 21-27, 29-34, 35-37, 40-45, 92-98, 99-104, 105-108 are allowable over the prior art of record.
2. Claims 76-80 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.
3. The following is a statement of reasons for the indication of allowable subject matter:

The prior art of record fails to disclose or suggest a release structure associated with stereolithography platen and fabrication, said release structure having an adhesive adhering said release structure to a stereolithography platen.

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Conclusion

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Vivian Chen whose telephone number is (571) 272-1506. The examiner can normally be reached on Monday through Thursday from 8:30 AM to 6 PM. The examiner can also be reached on alternate Fridays.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Carol Chaney, can be reached on (571) 272-1284. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

The General Information telephone number for Technology Center 1700 is (571) 272-1700.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

May 25, 2007



Vivian Chen
Primary Examiner
Art Unit 1773